

WHAT IS CLAIMED IS:

1. A liquid developer comprising a carrier liquid and particles being dispersed therein and formed with a composition comprising:

a binder resin;

a colorant; and

a charge controlling agent comprising a charge controlling substance supported by an inorganic porous material.

2. The liquid developer according to claim 1, wherein the carrier liquid comprises at least one member selected from the group consisting of a silicone oil and an isoparaffin.

3. The liquid developer according to claim 1, wherein the charge controlling substance comprises an ionic substance or a neutral substance.

4. The liquid developer according to claim 1, wherein the binder resin comprises urethane resin obtained by bulk polymerization of a polyisocyanate and a active hydrogen compound having plural active hydrogen groups.

5. The liquid developer according to claim 4, wherein the ratio of the number of isocyanate groups of the polyisocyanate compound with respect to the number of active hydrogen groups in the active hydrogen compound is from 0.5 to 1.0.

6. The liquid developer according to claim 4, wherein the polyisocyanate is diphenylmethane 4,4'-diisocyanate.

7. The liquid developer according to claim 4, wherein the active hydrogen compound having plural active hydrogen groups is an alicyclic polyol or an alicyclic polyamine.

8. The liquid developer according to claim 1, wherein the colorant is present in an amount of 0.5 to 15 parts by weight with respect to 100 parts by weight of the binder resin.

9. The liquid developer according to claim 1, wherein the charge controlling agent is present in an amount of from 0.1 to 7 parts by weight with respect to 100 parts by weight of the binder resin.

10. The liquid developer according to claim 1, wherein the inorganic porous material has a pore diameter of from 0.05 to 10 nm.

11. The liquid developer according to claim 1, wherein the composition further comprises a releasing agent.

12. The liquid developer according to claim 11, wherein the releasing agent is presented in an amount of 1 to 10 parts by weight with respect to 100 parts by weight of the binder resin.